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Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下通り宣言します。 As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名前が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMI CONDUCTOR DEVICE AND METHOD

OF MANUFACTURING THE SAME

上記発明の明細書（下記の欄でx印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

二月一日に提出され、米国出願番号または特許協定条約国際出願番号を _____ とし。
(該当する場合) _____ に訂正されました。

was filed on July 13, 1998
as United States Application Number or
PCT International Application Number
09/115,094 and was amended on
_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるところ、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Page 1 of 3

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Japanese Language Declaration

(日本語宣言書)

責任者： 私は下記の発明者として、本出願に関する一切の手続を米特許商標局に対して遂行する弁護士または代理人として、下記の者を指名いたしました。（弁護士、または代理人の氏名及び登録番号を明記のこと）

Scott C. Harris Reg. No. 32,030

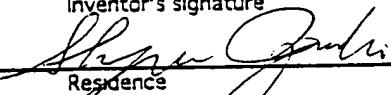
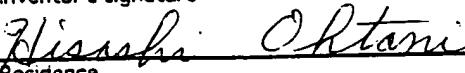
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

書類送付元
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La Jolla, CA 92037

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唯一または第一発明者		Full name of sole or first inventor	
		Shunpei YAMAZAKI	
発明者の署名	日付	Inventor's signature	Date
			November 10, 1998
住所	Residence		
Tokyo, Japan			
国籍	Citizenship		
Japanese			
私書箱	Post Office Address		
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第二共同発明者		Full name of second joint inventor, if any	
		Hisashi OHTANI	
発明者の署名	日付	Inventor's signature	Date
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住所	Residence		
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国籍	Citizenship		
Japanese			
私書箱	Post Office Address		
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398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan			

(第三以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三共同発明者		Full name of third joint inventor, if any	
発明者の署名	日付	Akiharu MIYANAGA <i>Aki-haru Miyanaga</i>	Date November 10, 1998
住所	Residence	Kanagawa, Japan	
国籍	Citizenship	Japanese	
私書箱	Post Office Address	c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan	
第四共同発明者		Full name of fourth joint inventor, if any	
発明者の署名	日付	Toru MITSUKI <i>Toru Mitsuki</i>	Date November 10, 1998
住所	Residence	Kanagawa, Japan	
国籍	Citizenship	Japanese	
私書箱	Post Office Address	c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan	
第五共同発明者		Full name of fifth joint inventor, if any	
発明者の署名	日付	Takeshi FUKUNAGA <i>Takeshi Fukunaga</i>	Date November 10, 1998
住所	Residence	Kanagawa, Japan	
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私書箱	Post Office Address	c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan	
第六共同発明者		Full name of sixth joint inventor, if any	
発明者の署名	日付		
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		

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SCOTT C. HARRIS
4225 EXECUTIVE SQUARE, SUITE 1400
LAJOLLA, CA 92037



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RECORDATION DATE: 11/16/1998

REEL/FRAME: 9595/0211

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

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YAMAZAKI, SHUNPEI

DOC DATE: 11/10/1998

ASSIGNEE:

OHTANI, HISASHI

DOC DATE: 11/10/1998

ASSIGNEE:

MIYANAGA, AKIHARU

DOC DATE: 11/10/1998

ASSIGNEE:

mitsuki, toru

DOC DATE: 11/10/1998

ASSIGNEE:

FUKANAGA, TAKESHI

DOC DATE: 11/10/1998

ASSIGNEE:

SEMICONDUCTOR ENERGY LABORATORY
CO., LTD.
398, HASE, ATSUGI-SHI
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• No Docketing Required •	
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Initials:	<u>LWJ</u>
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9595/0211 PAGE 2

SERIAL NUMBER: 09115094
PATENT NUMBER:

FILING DATE: 07/13/1998
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-25-1998



PTO-1595 Attorney Docket No.: 07977/247001

R SH T

11-16-98
Assistant Commissioner for Patents

100910809

an original document.

1. Name of conveying party(ies):

Shunpei Yamazaki
Hisashi Ohtani
Akiharu Miyanaga
Toru Mitsuki
Takeshi Fukunaga

2. Name and address of receiving party(ies):

Semic Conductor Energy Laboratory Co., Ltd.
398, Hase, Atsugi-shi
Kanagawa-ken 243-0036 Japan

Additional names/addresses attached? Yes No

Additional name(s) attached? Yes No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: 11/10/98; 11/10/98 11/10/98;
11/10/98 and 11/10/98 respectively

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):
09/115,094

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name/address of party to whom correspondence
concerning document should be mailed:

Scott C. Harris, Reg. No. 32,030
Fish & Richardson P.C.
4225 Executive Square, Suite 1400
La Jolla, CA 92037

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- Enclosed
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Scott C. Harris, Reg. No. 32,030

Name of Person Signing

Signature

Date

11/16/98

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Janet Christie
J. Christie

FISH & RICHARDSON P.C.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

having the address:

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

SEMICONDUCTOR DEVICE AND
METHOD OF MANUFACTURING THE SAME

Attorney Docket No: 07977/247001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No. 09/115,094

Filing Date: July 13, 1998

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

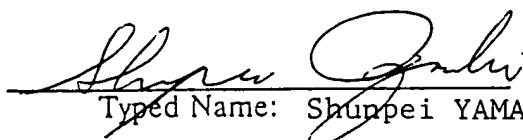
3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

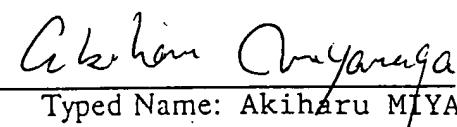
November 10, 1998
Date


Typed Name: Shunpei YAMAZAKI

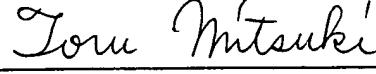
November 10, 1998
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Typed Name: Hisashi OHTANI

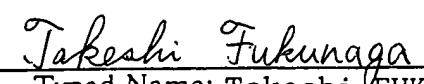
November 10, 1998
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Typed Name: Akiharu MIYANAGA

November 10, 1998
Date


Typed Name: Toru MITSUKI

November 10, 1998
Date


Typed Name: Takeshi FUKUNAGA

Date

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Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shunpei Yamazaki, et al.	Art Unit : 2826
Serial No. : 09/115,094	Examiner : F. Abraham
Filed : July 13, 1998	Confirmation No.: 1000
Title : SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	

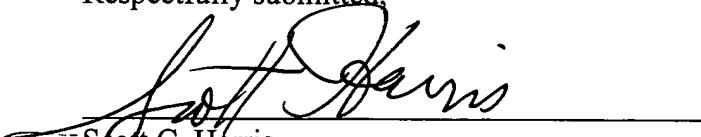
Commissioner for Patents
 P.O. Box 1450
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ASSOCIATE POWER OF ATTORNEY

Please recognize John F. Hayden, Reg. No. 37,640; James E. Mrose, Reg. No. 33,264; Phyllis K. Kristal, Reg. No. 38,524; W. Karl Renner, Reg. No. 41,265; Gregory A. Walters, Reg. No. 41,366; Diana DiBerardino, Reg. No. 45,653; Joseph F. Key, Reg. No. 44,827; Harold H. Fox, Reg. No. 41,498; Scott R. Boalick, Reg. No. 42,337; Mark E. Wadrzyk, Reg. No. 45,187; Benjamin D. Driscoll, Reg. No. 41,571; Ruffin B. Cordell, Reg. No. 33,487; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; Lauren A. Degnan, Reg. No. 40,584; Joseph V. Colaianni, Jr., Reg. No. 39,948; William G. Hughes, Jr., Reg. No. 46,112; William E. Booth, Reg. No. 28,933; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; John B. Pegram, Reg. No. 25,198; Thomas A. Rozylowicz, Reg. No. 50,620; Kevin Greene, Reg. No. 46,031; Barbara V. Benoit, Reg. No. 54,777; Brian T. Racilla, Reg. No. 54,382 and John E. Mauk, Reg. No. 54,579, as my associate attorneys/agents in the above application, with full powers.

Please direct all future official communications to Customer No. 26171.

Respectfully submitted,



 Scott C. Harris
 Reg. No. 32,030

Date: 9/26/03
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 Telephone: (858) 678-5070/Facsimile: (858) 678-5099